UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

06/26/2007

K. S. Cornaby Jones Waldo Holbrook & McDonough Suite 1500 170 South Main Street Salt Lake City, UT 84101 EXAMINER

ALANKO, ANITA KAREN

ART UNIT PAPER NUMBER

1765

. 1703

DATE MAILED: 06/26/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,989	03/26/2004	David Hughes Horne	00179.0002	9603

TITLE OF INVENTION: PROCESS FOR INCREASING STRENGTH, FLEXIBILITY AND FATIGUE LIFE OF METALS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	. \$0	\$1000	09/26/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

ll ap

nnronriate All further	correspondence includired below or directed oth	or the Patent advance or	rders and notification of m a) specifying a new corresp	pondence address;	ill be mailed to the current and/or (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use Bl	ock 1 for any change of address)	Fee(s	s) Transmittal. This rs. Each additional	nailing can only be used for s certificate cannot be used for paper, such as an assignment of mailing or transmission.	or any other accompanying
Suite 1500	lbrook & McDonou	₁ /2007 gh	l her State	Cert eby certify that this s Postal Service w	ificate of Mailing or Transıs s Fee(s) Transmittal is being ith sufficient postage for firs Stop ISSUE FEE address O (571) 273-2885, on the de	deposited with the United
170 South Main Salt Lake City, U						(Depositor's name)
San Lake City, C				······································		(Signature)
	,					(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,989	03/26/2004		David Hughes Horne	•	00179.0002	9603
ITLE OF INVENTION	: PROCESS FOR INCR	EASING STRENGTH, F	LEXIBILITY AND FATIO			
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	09/26/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS			
ALANKO, AN	NITA KAREN	1765	216-032000	٠.		
. Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
PLEASE NOTE: Unl	ess an assignee is ident h in 37 CFR 3.11. Comp	ified below, no assignee	THE PATENT (print or typ data will appear on the pa T a substitute for filing an a (B) RESIDENCE: (CITY	ntent. If an assigne assignment.	ce is identified below, the de	ocument has been filed for
lease check the appropr	iate assignee category or	categories (will not be pr	rinted on the patent):	Individual 🗖 Co	rporation or other private gro	oup entity Government
	are submitted: lo small entity discount p	permitted)	A check is enclosed. Payment by credit care The Director is hereby	d. Form PTO-2038	y previously paid issue fee is attached. ge the required fee(s), any de	ficiency or credit any
_	tus (from status indicate s SMALL ENTITY state		b. Applicant is no long	ger claiming SMAL	L ENTITY status. See 37 Cl	FR 1.27(g)(2).
IOTE: The Issue Fee and terest as shown by the	d Publication Fee (if req records of the United Sta	uired) will not be accepted tes Patent and Trademark	d from anyone other than the Office.	ne applicant; a regis	stered attorney or agent; or th	e assignee or other party in
Typed or printed name	e		 	Registration N	0	
his collection of inform n application. Confident ubmitting the completed his form and/or suggesti	ation is required by 37 C tiality is governed by 35 d application form to the ons for reducing this bu	CFR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the	on is required to obtain or re 1.14. This collection is esti depending upon the indivi- e Chief Information Officer	etain a benefit by the mated to take 12 n idual case. Any con r. U.S. Patent and	ne public which is to file (and inutes to complete, includin mments on the amount of tir Frademark Office, U.S. Depa	by the USPTO to process) g gathering, preparing, and ne you require to complete artment of Commerce. P O

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/809,989	03/26/2004	03/26/2004 David Hughes Horne		9603	
75	90 06/26/2007		EXAMINER		
K. S. Cornaby			. ALANKO, ANITA KAREN		
	Iones Waldo Holbrook & McDonough			PAPER NUMBER	
Suite 1500 170 South Main Str Salt Lake City, UT			1765 DATE MAILED: 06/26/200	7	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 93 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 93 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.